



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

IN RE APPLICATION OF: Yuji NAGAI, et al.

SERIAL NO: 10/796,131

GAU:

FILÉD: March 10, 2004

EXAMINER:

FOR: RECORDED INFORMATION EVALUATION METHOD AND DEVICE AND INFORMATION RECORDING MEDIUM THEREFOR

**INFORMATION DISCLOSURE STATEMENT UNDER 37 CFR 1.97**

COMMISSIONER FOR PATENTS  
ALEXANDRIA, VIRGINIA 22313

SIR:

Applicant(s) wish to disclose the following information.

**REFERENCES**

The applicant(s) wish to make of record the references listed on the attached form PTO-1449. Copies of the listed references are attached, where required, as are either statements of relevancy or any readily available English translations of pertinent portions of any non-English language references.

A check or credit card payment form is attached in the amount required under 37 CFR §1.17(p).

**RELATED CASES**

Attached is a list of applicant's pending application(s) or issued patent(s) which may be related to the present application. A copy of the patent(s), together with a copy of the claims and drawings of the pending application(s) is attached along with PTO 1449.

A check or credit card payment form is attached in the amount required under 37 CFR §1.17(p).

**CERTIFICATION**

Each item of information contained in this information disclosure statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this statement.

No item of information contained in this information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application or, to the knowledge of the undersigned, having made reasonable inquiry, was known to any individual designated in 37 CFR §1.56(c) more than three months prior to the filing of this statement.

**DEPOSIT ACCOUNT**

Please charge any additional fees for the papers being filed herewith and for which no check or credit card payment is enclosed herewith, or credit any overpayment to deposit account number 15-0030. A duplicate copy of this sheet is enclosed.

Respectfully submitted,

OBLON, SPIVAK, McCLELLAND,  
MAIER & NEUSTADT, P.C.

  
\_\_\_\_\_  
Marvin J. Spivak

Registration No. 24,913

Joseph A. Scafetta, Jr.  
Registration No. 26,803

Customer Number

22850

Tel. (703) 413-3000  
Fax. (703) 413-2220  
(OSMMN 05/03)



DOCKET NO.: 250220US2S/phh

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

IN RE APPLICATION OF:

Yuji NAGAI, et al.

SERIAL NO: 10/796,131

GROUP:

FILED: March 10, 2004

EXAMINER:

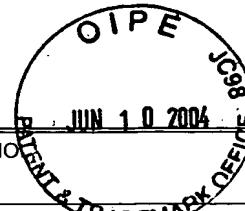
FOR: RECORDED INFORMATION EVALUATION METHOD AND DEVICE AND  
INFORMATION RECORDING MEDIUM THEREFOR

**STATEMENT OF RELEVANCY**

Reference AO (JP 2002-237055) on Form PTO-1449:

This publication discloses a wobble formation method intended to improve an SNR (signal-to-noise ratio), which is used as a measure of the quality of wobble signals. The present invention proposes a measure of the reliability of address detection, and the measure provided by the present invention takes into account modulated signal components that cannot be evaluated based on the wobble SNR of the reference.

Reference AW on Form PTO-1449 is discussed in the specification.



Form PTO 1449 (Modified)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY DOCKET NO. 250220US2S	SERIAL NO. 10/796,131		
LIST OF REFERENCES CITED BY APPLICANT		APPLICANT Yuji NAGAI, et al.					
		FILING DATE March 10, 2004			GROUP		
<b>U.S. PATENT DOCUMENTS</b>							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						
	AL						
	AM						
	AN						
<b>FOREIGN PATENT DOCUMENTS</b>							
		DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION		
					YES	NO	
	AO	2002-237055	08/23/2002	JAPAN			X
	AP						
	AQ						
	AR						
	AS						
	AT						
	AU						
	AV						
<b>OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, etc.)</b>							
AW	ECMA International, Standard ECMA-337, Standardizing Information and Communication Systems, "DATA INTERCHANGE ON 120 MM AND 80 MM OPTICAL DISK USING +RW FORMAT-CAPACITY: 4,7 AND 1,46 GBYTES PER SIDE", December 2002						
AX							
AY							
AZ					<input type="checkbox"/> Additional References sheet(s) attached		
Examiner					Date Considered		
*Examiner: Initial if reference is considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.							